

FacultyProfile

- **Faculty Name** : Pravin Bhimrao Chavan
- **Designation** : Assistant Professor
- **Department** : Electronics and Telecommunication Engineering
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• Educational Qualification

Sl.	Degree	University	Class
1	M.Tech.–Electronics and Communication(Embedded Systems)	Sanjay Ghodawat University, Atigre, Kolhapur.	First with Distinction
2	B.E.-Electronics and Telecommunication Engineering.	Pune University.	First
3	Diploma in Electronics and Telecommunication Engineering	MSBTE	First

• Professional experience:-

Total experience in years:15

Teaching:-13

Industrial:-02 Research:-00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	1 Aug 2025 to Till Date
2	Sanjay Ghodawat Institute, Atigre, Kolhapur.	Lecturer	Aug2022to July2025
3	Bharati Vidhyapeeth Institute of Technology Navi Mumbai	Lecturer	Dec 2009 to Aug 2017
4	Sahyadri Motors, Karad	Supervisor	August 2017 to Dec 2018
5	Bharat Electronics Ltd. Pashan, Pune.	Trainee Engg.	1 August 2005 to 30 July 2006

➤ Subject Taught:-

Under graduate Subjects			
1	Digital Electronics	2	Power Electronics
3	Microcontroller	4	Embedded System
5	Basic Electronics	6	Fundamentals of Electronics

- **Project Work at U.G.:-** Sugar Factory Automation.
- **Project Work at P.G.:-** Grape Leaf Disease Detection using ANN and Fuzzy Logic.
- **Research Area of Interest:-** Algorithms, Embedded System, IOT

➤ **Conference Presented:-**

Sl.	Title	Name of Conference	Date
1	Detection and Grading of Black Rot Disease on Grape Plant by Using ANN and Fuzzy Logic.	International Conference on Integrated Research and Sustainable Development	31st Oct 2025
1	Detection and Grading of Grape Leaf Disease using ANN & Fuzzy Logic.	Second International on Recent Trends in Science, Technology and Management ICRTSTM 2025	31 st Juneand1 st July 2025

➤ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSNNo.
1	The Detection and Grading of Grape Leaf Disease using Fuzzy Logic and Artificial Neural Network.	IRJAEH,Volume03Issue 07 July 2025	IJ	7 th July 2025	2584-2137
2	Use of Artificial Neural Network (ANN) & Fuzzy Logic for Grape leaf Disease Detection and Grading.	IJIRT,Volume11Issue12, May 2025,	IJ	May 2025	2349-6002
3	An Overview of the Detection and Grading of Grape Leaf Disease using Artificial Neural Network (ANN) and Fuzzy Logic.	IJARSCT, Volume 05, Issue01,February2025	IJ	February 2025	2581-9429
4	A Review on Development of Project using Keil Software	IJARST,Volume3,Issue1, April2023	IJ	April 2023	2581-9429
5	Smart Digital Time table	IJARST,Volume4,Issue5, March2024	IJ	March 2024	2581-9429
6	Speed Control of Induction Motor using Android	IJARST,Volume4,Issue5, March2024	IJ	March 2024	2581-9429

*NJ-National Journal

IJ-International Journal

➤ **No. of Project Guided at U.G. Level:-** 06

➤ **No. of Project Guided at P.G. Level:-** 00

➤ **Patent:-**

Sl.	Title	Design No.	Name of Intellectual Property Office	Date
1	Real Time Soil NPK Monitoring Device	6530438	Adam Williams Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office, UK.	Grant date: 10 June 2026, Registration date: 03 June 2026
2	“Modular IoT-Controlled Lighting System for Energy-Efficient Smart HomesandOffices.”	6416127	Adam Williams Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office, UK.	Grant date: 26 February 2025, Registration date:08 January 2025.

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	Embedded System Design with ARM	NPTEL IIT Kharagpur	Jan-March 2026
2	Artificial Intelligence And Applications	BVIT Navi Mumbai	8 -10 Nov. 2025
3	45th GISFI Standardization Series Meeting and International Workshop on Digitization : Bridging the Present and Future	AMGOI Vathar	30 Oct.– 01 Nov 2025
4	Next-Gen Manufacturing: Embracing Industry 4.0	AICTE -ATAL	25-30 Aug 2025
5	Overview of OBE and NBA	SGI Atigre	Jun2025
6	Property Rights	SGI Atigre	May2025
7	Fuzzy Sets, Logic and Systems & Applications	NPTEL	Jan-March2025
8	Microprocessors and Microcontrollers	NPTEL	Jan-March2025
9	Digital Circuits	NPTEL	Jul-Oct2023
10	Embedded System Programming on ARM Cortex M3/M4 Processor	Udemy	18 th Dec. 2023

➤ **Programs Organized:-**

Sl.	Nameof Program	Institute	Date
1	Circuitrix Numbus2024	SGI Atigre	10 th Aug.2024
2	Circuit Maker 2023	SGI Atigre	5 th Dec.2023
3	One day workshop on Introduction to Microprocessor	SGI Atigre	20thFeb2024

- **Departmental Responsibilities:-**NAAC Criteria 3, NBA Criteria 7, Maintenance coordinator.
- **Other Experience/Responsibilities If Any:-**Maintenance & Calibration at BEL PUNE
- **Social Contribution If Any:-** Tree Plantation, Blood Donation
 1. **Professional Membership:-**Life member of ISTE – LM-75883
 2. **Professional Membership:-**Life member of IEI – AM-1559861